Thomas H. Turpin, et al. Application No.: 10/645,695

Page 2

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

These changes introduce no new matter and support for such is replete throughout the specification and claims as originally filed. These changes are made without prejudice and are not to be construed as abandonment of any previously claimed subject matter or agreement with any objection or rejection or record.

Listing of Claims:

Claims 1-10 (canceled).

Claim 11 (currently amended): A polypeptide fusion protein, encoded by a polynucleotide according to Claim 1 wherein the fusion protein comprises a plant viral coat protein from a single stranded plus sense RNA virus fused with a protein of interest which comprises four or more amino acids.

Claims 12-13 (canceled).

Claim 14 (new) The fusion protein of claim 11, wherein the fusion protein is produced in a plant or a plant cell from a promoter functional in plants.

Claim 15 (new): The fusion protein of claim 11, wherein the protein of interest is aminoterminal to the coat protein.

Claim 16 (new): The fusion protein of claim 11, wherein the protein of interest is carboxy-terminal to the coat protein.

Claim 17 (new): The fusion protein of claim 11, wherein the protein of interest is internal to the plant viral coat protein.

Claim 18 (new): The fusion protein of claim 11, wherein the fusion protein retains one or more properties of the protein of interest.

Claim 19 (new): The fusion protein of claim 11, wherein the fusion protein comprises an antigen.

Claim 20 (new): The fusion protein of claim 11, wherein the fusion protein comprises a tobamovirus coat protein.

Thomas H. Turpin, et al. Application No.: 10/645,695

Page 3

Claim 21 (new): The fusion protein of claim 20, wherein the coat protein comprises a tobacco mosaic virus coat protein.

Claim 22 (new): A recombinant plant virus comprising the fusion protein of claim 11. Claim 23 (new): A plant or plant cell comprising the fusion protein of claim 11.